

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/GB 03/02022

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A41D13/012 B32B5/18 //A41D31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A41D B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 14037 A (MAYNARD STEPHEN ANDREW ;ROBERT S MAYNARD LTD (GB)) 25 March 1999 (1999-03-25)	1-4, 11-13, 15,16
Y	page 3, paragraph 2 -page 4, paragraph 2; claims 5,6,10,11,16,17,22,23 page 3, paragraph 4 ---	5,6, 8-10,17
X	US 2002/165474 A1 (CHUANG JONATHON ET AL) 7 November 2002 (2002-11-07)	1-6, 8-12, 15-17
Y	paragraph '0026! - paragraph '0030!; claims 1,10; figures 4,5 paragraph '0022! --- -/--	5,6, 8-10,17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

1 August 2003

Date of mailing of the international search report

17/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Uhlig, R

INTERNATIONAL SEARCH REPORT

In relation on patent family members

Internat Application No
PCT/GB 03/02022

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9914037	A	25-03-1999	AU 9271998 A	05-04-1999
			WO 9914037 A2	25-03-1999
			GB 2333996 A	11-08-1999
US 2002165474	A1	07-11-2002	CN 1383799 A	11-12-2002
			CN 1383896 A	11-12-2002
			DE 10209584 A1	30-04-2003
			GB 2375076 A	06-11-2002
			GB 2375077 A	06-11-2002
			JP 2003033378 A	04-02-2003
			US 2002165475 A1	07-11-2002
			US 2003114782 A1	19-06-2003
EP 1136002	A	26-09-2001	AT 3704 U2	25-07-2000
			AT 407822 B	25-06-2001
			AT 7642000 A	15-11-2000
			DE 20018258 U1	18-01-2001
			EP 1136002 A2	26-09-2001
US 5098770	A	24-03-1992	FR 2637919 A1	20-04-1990
			AT 99008 T	15-01-1994
			CA 2000662 A1	14-04-1990
			DE 68911643 D1	03-02-1994
			DE 68911643 T2	26-05-1994
			DE 364370 T1	21-05-1992
			EP 0364370 A1	18-04-1990
			ES 2047141 T3	16-02-1994
			JP 1935932 C	26-05-1995
			JP 2217238 A	30-08-1990
			JP 6061889 B	17-08-1994

INTERNATIONAL SEARCH REPORT

Internat. Application No
PCT/GB 03/02022

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 136 002 A (KNAPPL HANS) 26 September 2001 (2001-09-26) paragraph '0003!; claims; figures 4,5 paragraph '0013! -----	1-4, 8, 11-13, 16, 17
A	US 5 098 770 A (PAIRE CHRISTIAN) 24 March 1992 (1992-03-24) column 5, line 22 - line 34 -----	14

Best Available Copy